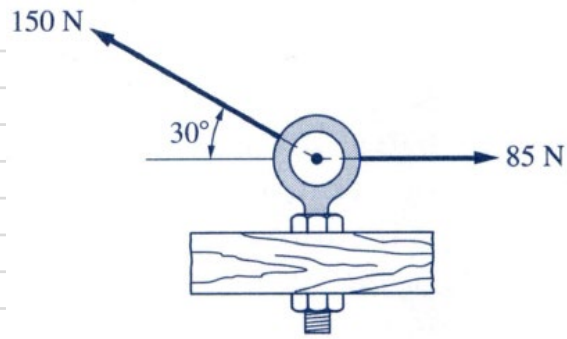


2-3

Determine the magnitude and direction of the resultant of two forces acting on the eye hook shown in Fig. P2-3 by (a) the graphical method and (b) the trigonometric method.

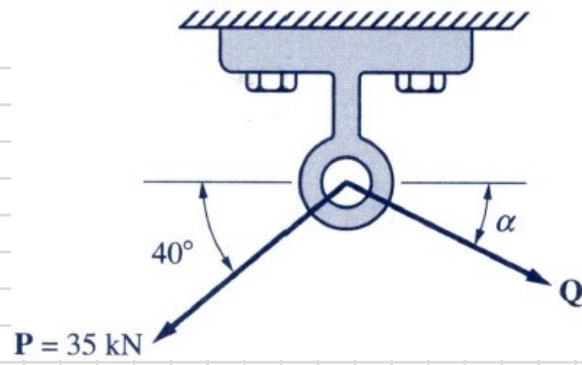
Solution.



2-8

If the resultant of the two forces  $P$  and  $Q$  acting on the ring in Fig. P2-8 is a vertical force equal to 45 kN, find the magnitude and direction of force  $Q$ .

Solution.



2-24 to 2-27 Determine the magnitude and direction of the resultant of the force systems shown in Figs. P2-24 to P2-27.

2-24

